Adding and Subtracting Integers Practice Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. What is the length of line segment joining each pair of points? (hint: Draw a graph)
2. A (2,1) and X (2,8)
3. B(4,-3) and Y (-5,-3)
4. C(-10, 0) and D(-1,0)
5. P(-4,-2) and M (-4,3)
6. Last week (ya, I know it’s supposed to be spring now) Alberta was experiencing a settling of cold arctic air at -17 degrees Celsius. A Chinook finally came to Red Deer and raised the temperature to + 13 degrees Celsius. What was the change in temperature?
7. Chyanne started a hike, 6033 meters below sea level. She made it all the way to the mountain peak which was 4170 meters above sea level.
8. Jesse’s internet company experienced a profit of $8 million in its first year and a loss of $ 12 million the second year and made a profit of $20 million in its third year.
9. What was the company’s total loss or profit over the three years?
10. How much better was the company’s result in the first year than the second year?
11. Write the next three integers in the pattern
12. +1, + 4, + 7, + 10…
13. + 9, + 5, + 1, -3…
14. -11, -9, -7, -5, …
15. + 20, + 15, + 10, + 5, …
16. A submarine was cruising at a depth of 50 meters. The captain brought the submarine up by 34 meters to avoid crashing into a whale.
17. What depth did the submarine move to?
18. The captain took the submarine down 74 meters, what is its new cruising depth?

1. Complete the following:
2. -4 – (-7) =
3. -4 + -7 =
4. +6 – (+4) =
5. +6 – (-4) =
6. -3 – (-3) =
7. – 3 + (-3) =
8. -3 + (+3) =
9. -4 – (-4) =
10. -4 + (-4) =
11. -4 + (+4) =
12. +4 – (-4) =
13. +4 – (+4) =
14. -7 – (-2) =
15. -7 + (-2)=